

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/564,744  
Source: IFWP  
Date Processed by STIC: 1-30-06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebs/efs/downloads/documents.htm>**> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/564,744

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        Wrapped Nucleics  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2        Invalid Line Length      The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
  
- 3        Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
  
- 4        Non-ASCII      The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
  
- 5        Variable Length      Sequence(s)        contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6        PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)       . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
  
- 7        Skipped Sequences  
    (OLD RULES)      Sequence(s)        missing. If intentional, please insert the following lines for **each** skipped sequence:  
                            (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            (i)       SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                            (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                            This sequence is intentionally skipped  
  
                            Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
  
- 8        Skipped Sequences  
    (NEW RULES)      Sequence(s)        missing. If intentional, please insert the following lines for **each** skipped sequence.  
                            <210> sequence id number  
                            <400> sequence id number  
                            000
  
- 9        Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                            Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                            In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
  
- 10        Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
  
- 11 ✓ Use of <220>      Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
                            (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12        PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13 ✓ Misuse of n/Xaa      "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWP

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

3 <110> APPLICANT: The Massachussetts General Hospital Corporation  
 4 Gardella, Thomas J.  
 6 <120> TITLE OF INVENTION: Conformationally Constrained Parathyroid Hormone (PTH)  
 Analogs  
 8 <130> FILE REFERENCE: 0609.516PC01  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/564,744  
 C--> 11 <141> CURRENT FILING DATE: 2006-01-17  
 13 <150> PRIOR APPLICATION NUMBER: US 60/487,589  
 14 <151> PRIOR FILING DATE: 2003-07-17  
 16 <160> NUMBER OF SEQ ID NOS: 27  
 18 <170> SOFTWARE: PatentIn version 3.2  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 14  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Artificial sequence  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: Peptide  
 29 <220> FEATURE:  
 30 <221> NAME/KEY: misc\_feature  
 31 <222> LOCATION: (1)..(1)  
 32 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 34 <220> FEATURE:  
 35 <221> NAME/KEY: misc\_feature  
 36 <222> LOCATION: (2)..(2)  
 37 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 39 <220> FEATURE:  
 40 <221> NAME/KEY: misc\_feature  
 41 <222> LOCATION: (3)..(3)  
 42 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 44 <220> FEATURE:  
 45 <221> NAME/KEY: misc\_feature  
 46 <222> LOCATION: (8)..(8)  
 47 <223> OTHER INFORMATION: X is Met or Nle  
 49 <220> FEATURE:  
 50 <221> NAME/KEY: misc\_feature  
 51 <222> LOCATION: (10)..(10)  
 52 <223> OTHER INFORMATION: X is Gln, Deg or Asn  
 54 <220> FEATURE:  
 55 <221> NAME/KEY: misc\_feature  
 56 <222> LOCATION: (11)..(11)  
 57 <223> OTHER INFORMATION: X is Har or Leu  
 59 <220> FEATURE:  
 60 <221> NAME/KEY: misc\_feature  
 61 <222> LOCATION: (12)..(12)

Does Not Comply  
 Corrected Diskette Needed

(pg.15) →

Invalid Response ← see item #11 on error summary sheet.

Invalid Response

Same error

what is this?

what is this?

← 2 p / 5  
 See item #13 on error summary sheet.

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

62 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly  
64 <220> FEATURE:  
65 <221> NAME/KEY: misc\_feature  
66 <222> LOCATION: (14)..(14)  
67 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Trp, Tyr or His  
69 <400> SEQUENCE: 1

W--> 71 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys Xaa  
72 1 5 10  
75 <210> SEQ ID NO: 2  
76 <211> LENGTH: 13  
77 <212> TYPE: PRT  
78 <213> ORGANISM: Artificial sequence

80 <220> FEATURE:  
81 <223> OTHER INFORMATION: Peptide *Same error*  
84 <220> FEATURE:  
85 <221> NAME/KEY: misc\_feature  
86 <222> LOCATION: (1)..(1)  
87 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue *Same error*  
89 <220> FEATURE:  
90 <221> NAME/KEY: misc\_feature  
91 <222> LOCATION: (2)..(2)  
92 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
94 <220> FEATURE:  
95 <221> NAME/KEY: misc\_feature  
96 <222> LOCATION: (3)..(3)  
97 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue *Same error*  
99 <220> FEATURE:  
100 <221> NAME/KEY: misc\_feature  
101 <222> LOCATION: (8)..(8)  
102 <223> OTHER INFORMATION: X is Met or Nle  
104 <220> FEATURE:  
105 <221> NAME/KEY: misc\_feature  
106 <222> LOCATION: (10)..(10)  
107 <223> OTHER INFORMATION: X is Gln, Deg or Asn *Same error*  
109 <220> FEATURE:  
110 <221> NAME/KEY: misc\_feature  
111 <222> LOCATION: (11)..(11)  
112 <223> OTHER INFORMATION: X is Har or Leu *Same error*  
114 <220> FEATURE:  
115 <221> NAME/KEY: misc\_feature  
116 <222> LOCATION: (12)..(12)  
117 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly  
119 <400> SEQUENCE: 2

W--> 121 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys  
122 1 5 10  
125 <210> SEQ ID NO: 3  
126 <211> LENGTH: 12  
127 <212> TYPE: PRT  
128 <213> ORGANISM: Artificial sequence

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

Same  
errors  
=

130 <220> FEATURE:  
 131 <223> OTHER INFORMATION: Peptide  
 134 <220> FEATURE:  
 135 <221> NAME/KEY: misc\_feature  
 136 <222> LOCATION: (1)..(1)  
 137 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 139 <220> FEATURE:  
 140 <221> NAME/KEY: misc\_feature  
 141 <222> LOCATION: (2)..(2)  
 142 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 144 <220> FEATURE:  
 145 <221> NAME/KEY: misc\_feature  
 146 <222> LOCATION: (3)..(3)  
 147 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 149 <220> FEATURE:  
 150 <221> NAME/KEY: misc\_feature  
 151 <222> LOCATION: (8)..(8)  
 152 <223> OTHER INFORMATION: X is Met or Nle  
 154 <220> FEATURE:  
 155 <221> NAME/KEY: misc\_feature  
 156 <222> LOCATION: (10)..(10)  
 157 <223> OTHER INFORMATION: X is Gln, ~~Dea~~ or Asn  
 159 <220> FEATURE:  
 160 <221> NAME/KEY: misc\_feature  
 161 <222> LOCATION: (11)..(11)  
 162 <223> OTHER INFORMATION: X is ~~Har~~ or Leu  
 164 <220> FEATURE:  
 165 <221> NAME/KEY: misc\_feature  
 166 <222> LOCATION: (12)..(12)  
 167 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly  
 169 <400> SEQUENCE: 3  
 W--> 171 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa  
 172 1 5 10  
 175 <210> SEQ ID NO: 4  
 176 <211> LENGTH: 11  
 177 <212> TYPE: PRT  
 178 <213> ORGANISM: Artificial sequence  
 180 <220> FEATURE:  
 181 <223> OTHER INFORMATION: Peptide  
 184 <220> FEATURE:  
 185 <221> NAME/KEY: misc\_feature  
 186 <222> LOCATION: (1)..(1)  
 187 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 189 <220> FEATURE:  
 190 <221> NAME/KEY: misc\_feature  
 191 <222> LOCATION: (2)..(2)  
 192 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 194 <220> FEATURE:  
 195 <221> NAME/KEY: misc\_feature

Invalid  
Response

See  
item #  
= on  
error  
summary  
Sheet.

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

196 <222> LOCATION: (3)..(3)  
 197 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 199 <220> FEATURE:  
 200 <221> NAME/KEY: misc\_feature  
 201 <222> LOCATION: (8)..(8)  
 202 <223> OTHER INFORMATION: X is Met or Nle  
 204 <220> FEATURE:  
 205 <221> NAME/KEY: misc\_feature  
 206 <222> LOCATION: (10)..(10)  
 207 <223> OTHER INFORMATION: X is Gln, Deg or Asn  
 209 <220> FEATURE:  
 210 <221> NAME/KEY: misc\_feature  
 211 <222> LOCATION: (11)..(11)  
 212 <223> OTHER INFORMATION: X is Har or Leu  
 214 <400> SEQUENCE: 4  
 W--> 216 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa  
 217 1 5 10  
 220 <210> SEQ ID NO: 5  
 221 <211> LENGTH: 10  
 222 <212> TYPE: PRT  
 223 <213> ORGANISM: Artificial sequence  
 225 <220> FEATURE:  
 226 <223> OTHER INFORMATION: Peptide  
 229 <220> FEATURE:  
 230 <221> NAME/KEY: misc\_feature  
 231 <222> LOCATION: (1)..(1)  
 232 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 234 <220> FEATURE:  
 235 <221> NAME/KEY: misc\_feature  
 236 <222> LOCATION: (2)..(2)  
 237 <223> OTHER INFORMATION: X is Trp, Bpa, Arg or Val  
 239 <220> FEATURE:  
 240 <221> NAME/KEY: misc\_feature  
 241 <222> LOCATION: (3)..(3)  
 242 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue  
 244 <220> FEATURE:  
 245 <221> NAME/KEY: misc\_feature  
 246 <222> LOCATION: (8)..(8)  
 247 <223> OTHER INFORMATION: X is Met or Nle  
 249 <220> FEATURE:  
 250 <221> NAME/KEY: misc\_feature  
 251 <222> LOCATION: (10)..(10)  
 252 <223> OTHER INFORMATION: X is Gln, Deg or Asn  
 254 <400> SEQUENCE: 5  
 W--> 256 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa  
 257 1 5 10  
 260 <210> SEQ ID NO: 6  
 261 <211> LENGTH: 21  
 262 <212> TYPE: PRT

Invalid  
response

What is this?

See item #13

on error  
Summary  
Sheet

Same error

Same  
errorSame  
error

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:14

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

Same  
errors

263 <213> ORGANISM: Artificial sequence

265 <220> FEATURE:

266 <223> OTHER INFORMATION: Peptide

269 <220> FEATURE:

270 <221> NAME/KEY: misc\_feature

271 <222> LOCATION: (1)..(1)

272 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

274 <220> FEATURE:

275 <221> NAME/KEY: misc\_feature

276 <222> LOCATION: (2)..(2)

277 <223> OTHER INFORMATION: X is Bpa

279 <220> FEATURE:

280 <221> NAME/KEY: misc\_feature

281 <222> LOCATION: (3)..(3)

282 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue

284 <220> FEATURE:

285 <221> NAME/KEY: misc\_feature

286 <222> LOCATION: (8)..(8)

287 <223> OTHER INFORMATION: X is Aib, Gln, Deg or Asn

289 <220> FEATURE:

290 <221> NAME/KEY: misc\_feature

291 <222> LOCATION: (10)..(10)

292 <223> OTHER INFORMATION: X is Met or Nle

294 <220> FEATURE:

295 <221> NAME/KEY: misc\_feature

296 <222> LOCATION: (11)..(11)

297 <223> OTHER INFORMATION: X is Har or Leu

299 <220> FEATURE:

300 <221> NAME/KEY: misc\_feature

301 <222> LOCATION: (12)..(12)

302 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Ala or Gly

304 <220> FEATURE:

305 <221> NAME/KEY: misc\_feature

306 <222> LOCATION: (14)..(14)

307 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Trp or His

309 <220> FEATURE:

310 <221> NAME/KEY: misc\_feature

311 <222> LOCATION: (19)..(19)

312 <223> OTHER INFORMATION: X is an Alpha-Helix Stabilizing Residue, Lys, Arg or Glu

314 <220> FEATURE:

315 <221> NAME/KEY: misc\_feature

316 <222> LOCATION: (21)..(21)

317 <223> OTHER INFORMATION: X is Tyr or Met

319 <400> SEQUENCE: 6

W--> 321 Xaa Xaa Xaa Glu Ile Gln Leu Xaa His Xaa Xaa Xaa Lys Xaa Leu Ala

322 1 5 10 15

325 Ser Val Xaa Arg Xaa

326 20

329 <210> SEQ ID NO: 7

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/10/564,744

DATE: 01/30/2006  
 TIME: 15:53:15

Input Set : A:\Sequence Listing 0609.5160001.txt  
 Output Set: N:\CRF4\01302006\J564744.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~1,2,3,8,10,11,12,14~~  
 Seq#:2; Xaa Pos. ~~1,2,3,8,10,11,12~~  
 Seq#:3; Xaa Pos. ~~1,2,3,8,10,11,12~~  
 Seq#:4; Xaa Pos. ~~1,2,3,8,10,11~~  
 Seq#:5; Xaa Pos. ~~1,2,3,8,10~~  
 Seq#:6; Xaa Pos. ~~1,2,3,8,10,11,12,14,19,21~~  
 Seq#:7; Xaa Pos. 1,2,3,8,10,11,12,14,19  
 Seq#:8; Xaa Pos. 1,2,3,8,10,11,12,14,19  
 Seq#:9; Xaa Pos. 1,2,3,8,10,11,12,14  
 Seq#:10; Xaa Pos. 1,2,3,8,10,11,12,14  
 Seq#:11; Xaa Pos. 1,2,3,8,10,11,12,14  
 Seq#:12; Xaa Pos. 1,2,3,8,10,11,12,14  
 Seq#:13; Xaa Pos. 1,2,3,11  
 Seq#:14; Xaa Pos. 1,3,11,15  
 Seq#:15; Xaa Pos. 1,2,4,12,16  
 Seq#:16; Xaa Pos. 1,2,4,12,16  
 Seq#:17; Xaa Pos. 1,3,11,15  
 Seq#:18; Xaa Pos. 1,2,3,11,15  
 Seq#:19; Xaa Pos. 1,3,11,15  
 Seq#:20; Xaa Pos. 1,3,11,15  
 Seq#:21; Xaa Pos. 1,3,11,15  
 Seq#:22; Xaa Pos. 1,2,3,11,15  
 Seq#:23; Xaa Pos. 1,3,8,11,15  
 Seq#:24; Xaa Pos. 1,2,3,8,11,15  
 Seq#:25; Xaa Pos. 1,2,3,8,11,22



## VERIFICATION SUMMARY

DATE: 01/30/2006

PATENT APPLICATION: US/10/564,744

TIME: 15:53:15

Input Set : A:\Sequence Listing 0609.5160001.txt

Output Set: N:\CRF4\01302006\J564744.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
M:341 Repeated in SeqNo=6  
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
M:341 Repeated in SeqNo=7  
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
M:341 Repeated in SeqNo=8  
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
M:341 Repeated in SeqNo=25